	L #	Hits	Search Text	DBs	Errors
1	L1	23298	compute$5 adj2 tomogra$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
2	L10	55762	three point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
3	L11	5872599	line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
4	L12	14696	exact with (image or imaging or reconstruct$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
5	L13	46	2 and 3 and 4 and 5 and 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
6	L14	0	1 and 2 and 5 and 6 and 7 and 8 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
7	L15	25	1 and 3 and 10 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
8	L2	613289	spiral or helical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
9	L3	1550	cone beam or cone-beam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
10	L4	60710	convolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
11	L5	1329	filter$5 with (back-projection or back adj projection or backprojection)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
12	L6	41	shift invariant filter$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
13	L7	337547	line with plane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
14	L8	61732	parallel line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	
15	L9	7826	tangent line	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	

	Document ID	Title	Current OR	Current XRef	Inventor
1	US 20040264630 A1	Imaging method for a multi-slice spiral CT scan, and a computer tomography unit for carrying out this method	378/15		Bruder, Herbert et al.
2	US 20040258194 A1	Fourier space tomographic image reconstruction method	378/4		Chen, Guang-Hong et al.
3	US 20040223581 A1	Method of reconstructing images for spiral and non-spiral computer tomography	378/4		Katsevich, Alexander
4	US 20040125910 A1	3PI algorithm for spiral CT	378/15		Katsevich, Alexander
5	US 20040086074 A1	Cone beam type of x-ray CT system for three-dimensional reconstruction	378/4		Taguchi, Katsuyuki
6	US 20040081273 A1	Apparatus and method for cone beam volume computed tomography breast imaging	378/37		Ning, Ruola
7	US 20040066879 A1	Computed tomography apparatus and program	378/4		Machida, Yoshio
8	US 20030174803 A1	Filtered back projection (FBP) algorithm for computer tomography	378/4		Katsevich, Alexander
9	US 20030161444 A1	Method of reconstructing images for spiral and non-spiral computer tomography	378/210		Katsevich, Alexander
10	US 20030161443 A1	Methods and apparatus for fast divergent beam tomography	378/210		Xiao, Shu et al.
11	US 20030081715 A1	System and method for image reconstruction in a cone beam imaging system	378/4	378/901	Tam, Kwok
12	US 20020131544 A1	Reconstruction and scan of 4D-CT	378/4	378/15; 378/901	Aradate, Hiroshi et al.
13	US 6898264 B2	Method of reconstructing images for spiral and non-spiral computer tomography	378/4	378/901	Katsevich; Alexander
14	US 6819736 B1	Computed tomography method and computed tomography apparatus	378/15	378/17; 378/901	Bruder; Herbert et al.
15	US 6804321 B2	Filtered back projection (FBP) algorithm for computer tomography	378/4	378/15; 378/901	Katsevich; Alexander
16	US 6778629 B1	Computed tomography method involving a helical relative motion	378/15	378/4; 378/901	Danielsson; Per-Erik et al.
17	US 6771733 B2	Method of reconstructing images for spiral and non-spiral computer tomography	378/4	378/15; 378/901	Katsevich; Alexander
18	US 6771732 B2	Methods and apparatus for fast divergent beam tomography	378/4	378/15; 378/901	Xiao; Shu et al.

	Document ID	Title	Current OR	Current XRef	Inventor
19	US 6665370 B2	Computed tomography method and apparatus for acquiring images dependent on a time curve of a periodic motion of the subject	378/15	378/8; 378/94	Bruder; Herbert et al.
20	US 6658081 B2	Computed tomography method and apparatus for optimized detector utilization and dose utilization	378/15	378/901	Bruder; Herbert et al.
21	US 6574299 B1	Exact filtered back projection (FBP) algorithm for spiral computer tomography	378/15	378/901	Katsevich; Alexander
22	US 6574297 B2	System and method for image reconstruction in a cone beam imaging system	378/15	378/8; 378/901	Tam; Kwok
23	US 6546067 B2	Reconstruction and scan of 4D-CT	378/15	378/901	Aradate; Hiroshi et al.
24	US 6504892 B1	System and method for cone beam volume computed tomography using circle-plus-multiple-arc orbit	378/4	378/15; 378/901	Ning; Ruola
25	US 6480565 B1	Apparatus and method for cone beam volume computed tomography breast imaging	378/37	378/20	Ning; Ruola
26	US 6477221 B1	System and method for fast parallel cone-beam reconstruction using one or more microprocessors	378/4	378/901	Ning; Ruola
27	US 6459754 B1	Methods and apparatus for cone beam multislice CT correction	378/4	378/15; 378/901	Besson; Guy M. et al.
28	US 6317478 B1	Method and apparatus for imaging based on calculated inversion values of cone beam data	378/4	378/901	Patch; Sarah Kathryn
29	US 6298110 B1	Cone beam volume CT angiography imaging system and method	378/4	378/17; 378/901	Ning; Ruola
30	US 6292525 B1	Use of Hilbert transforms to simplify image reconstruction in a spiral scan cone beam CT imaging system	378/4	378/15; 378/901	Tam; Kwok
31	US 6275561 B1	Computer tomagraphy method with helicoidal scanning of an examination area	378/15	250/363.03; 378/4	Danielsson; Per-Erik
32	US 6272200 B1	Fourier and spline-based reconstruction of helical CT images	378/15	378/901	Pan; Xiaochuan et al.
33	US 6269141 B1	Computer tomography apparatus with a conical radiation beam and a helical scanning trajectory	378/19	378/4	Proksa; Roland et al.
34	US 6201849 B1	Apparatus and method for reconstruction of volumetric images in a helical scanning cone-beam computed tomography system	378/4	378/15; 378/901	Lai; Ching-Ming
35	US 6104775 A	3D image reconstruction for helical partial cone beam scanners using wedge beam transform	378/4	378/15; 378/901	Tuy; Heang K.
36	US 6097784 A	3D image reconstruction for helical partial cone beam data	378/4	378/15; 378/901	Tuy; Heang K.
37	US 6084937 A	Adaptive mask boundary correction in a cone beam imaging system	378/4	378/8; 378/901	Tam; Kwok C. et al.

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38	US 6078638 A	Pixel grouping for filtering cone beam detector data during 3D image reconstruction	378/4	378/15; 378/901	Sauer; Frank et al.
39	US 6075836 A	Method of and system for intravenous volume tomographic digital angiography imaging	378/98.12	378/17; 378/901	Ning; Ruola
40	US 6018561 A	Mask boundary correction in a cone beam imaging system using simplified filtered backprojection image reconstruction	378/4	378/901	Tam; Kwok
41	US 5999587 A	Method of and system for cone-beam tomography reconstruction	378/4	378/901	Ning; Ruola et al.
42	US 5881123 A	Simplified cone beam image reconstruction using 3D backprojection	378/4	378/901	Tam; Kwok
43	US 5625660 A	Image reconstruction from helical partial cone-beam data	378/15	378/901	Tuy; Heang K.
44	WO 2004084137 A	Image reconstruction method for X-ray computed tomography, involves reconstructing exact image of object scanned in spiral fashion with variable pitch, using convolution-based filtered back projection algorithm			KATSEVICH, A
45	US 20040125910 A	Images reconstructing method, involves scanning object in spiral fashion with detectors that detect cone beam projections and reconstructing exact image of scanned object with convolution based filtered back projection algorithm			KATSEVICH, A
46	WO 2003015634 A	Exact filtered back projection algorithm for spiral computer tomography scanning by two-dimensional detectors to reconstruct three-dimensional images from scan data			KATSEVICH, A

	Document ID	Title	Current OR	Current XRef	Inventor
1	US 20050113680 A1	Cerebral ischemia diagnosis assisting apparatus, X-ray computer tomography apparatus, and apparatus for aiding diagnosis and treatment of acute cerebral infarct	600/425	128/920; 378/4	Ikeda, Yoshihiro et al.
2	US 20040156469 A1	Three dimensional back projection method and an X-ray CT apparatus	378/19		Nishide, Akihiko et al.
3	US 20040125910 A1	3PI algorithm for spiral CT	378/15		Katsevich, Alexander
4	US 20040068169 A1	Imaging device for radiation treatment applications	600/407		Mansfield, Stan et al.
5	US 20040047449 A1	Multi-row detector X-ray CT apparatus	378/98.8		Hagiwara, Akira
6	US 20030174803 A1	Filtered back projection (FBP) algorithm for computer tomography	378/4		Katsevich, Alexander
7	US 20030161434 A1	Electron beam computed tomographic scanner system with helical or tilted target, collimator, and detector components to eliminate cone beam error and to scan continuously moving objects	378/4		Rand, Roy E. et al.
8	US 20030142778 A1	Computed tomography apparatus	378/4		Proksa, Roland
9	US 6888919 B2	Radiotherapy apparatus equipped with an articulable gantry for positioning an imaging unit	378/65	378/197	Graf; Ulrich Martin
10	US 6879655 B2	Computed tomography apparatus	378/4	378/8; 600/425; 600/428	Proksa; Roland
11	US 6873679 B2	Multi-row detector X-ray CT apparatus	378/19	378/15; 378/901	Hagiwara; Akira
12	US 6845144 B2	Three dimensional back projection method and an X-ray CT apparatus	378/15	378/901	Nishide; Akihiko et al.
13	US 6837892 B2	Miniature bone-mounted surgical robot	606/130	74/490.01	Shoham; Moshe
14	US 6804321 B2	Filtered back projection (FBP) algorithm for computer tomography	378/4	378/15; 378/901	Katsevich; Alexander

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15	US 6782284 B1	Method and apparatus for semi-automatic aneurysm measurement and stent planning using volume image data	600/407	378/21; 378/4; 382/128; 382/130; 382/131; 382/133; 600/410; 600/419; 600/425; 600/454; 600/465	Subramanyan; Krishna et al.
16	US 6735271 B1	Electron beam computed tomographic scanner system with helical or tilted target, collimator, and detector components to eliminate cone beam error and to scan continuously moving objects	378/4	378/15	Rand; Roy E. et al.
17	US 6728566 B1	Vessel tracking and tree extraction method and apparatus	600/407		Subramanyan; Krishna et al.
18	US 6574299 B1	Exact filtered back projection (FBP) algorithm for spiral computer tomography	378/15	378/901	Katsevich; Alexander
19	US 6501848 B1	Method and apparatus for three-dimensional reconstruction of coronary vessels from angiographic images and analytical techniques applied thereto	382/128	382/285; 434/272	Carroll; John et al.
20	US 6434214 B1	X-ray CT apparatus and X-ray imaging method	378/4	378/20	Kawai; Hiroyuki et al.
21	US 6240157 B1	Technique and arrangement for tomographic imaging	378/15	378/4; 378/65	Danielsson; Per-Erik
22	US 6148056 A	Efficient cone-beam reconstruction system using circle-and-line orbit data	378/4	378/901	Lin; Wen-Tai et al.
23	US 5930384 A	Process for the reconstruction of a 3D image with contrast and resolution improvements and application of said process to the production of an attentuation cartography of an object	382/154	250/363.04; 345/419; 378/4; 382/131; 600/425	Guillemaud; Regis et al.
24	US 5481115 A	Electronic calibration of single photon emission computed tomography cameras	250/363.04	250/252.1; 250/363.07; 250/363.09	Hsieh; Yu-Lung et al.
25	US 5463666 A	Helical and circle scan region of interest computerized tomography	378/4	378/901	Eberhard; Jeffrey W. et al.